

# EDITORIAL INDEX

## '78

your guide to this year's features

### BUS FLEETS

Brown's Mill Grinds Out Buses	Feb.	118
State Vehicle Size Limits	Apr.	110
State Vehicle Weight Limits	Apr.	114
Spicer Clutch Reduces Cost, Legwork in School Bus Service (Toms River, NJ)	Apr.	314
Greyhound Offers Smaller, Intracity Bus Trailways, Inc. Blazes A New Trail		
Cummins Offers Fuel-Efficient Bus Engine	Sept.	186
1979 Integral Buses—Makes & Models	Oct.	260
1979 School Buses—Makes & Models	Oct.	261

### COSTS & RECORDS

How to Save Time and Money When You Buy A New Truck (Fleet Guide Forms)	Apr.	248
Trucking Shows Marked Gains in 1977	June	124
1977's Top 100 Class 1 Carriers	June	128
Van Brunt Fights Rising Insurance Costs	Sept.	136

### DATA PROCESSING

Maintenance by The Printout (Hertz Corp. Truck and Equipment Div.)	Mar.	96
A New IDEA for Diesel Engines (Integrated Diesel Engine Analyzer)	May	127
Computer Maintenance—An Extra Dimension (Philadelphia Electric Co.)	June	157
TCAPE Measures Effectiveness of Fuel-Saving Components (International Harvester)	Aug.	178
Microfilm Clears A Path Through The Paper-work Jungle (All-American, Inc.)	Sept.	210

### DIRECTORIES

State Reciprocity, Fuel Tax & Oversize/Over-weight Contact Offices	Apr.	104
Tools & Equipment Buyers' Directory	Apr.	147
Heavy-Duty Service Directory	Apr.	197
Technical Data Directory & Direct-Action Postcards	Apr.	258
1979 Fleet Buyers' Directory	Oct.	155
1979 Catalog Directory for Fleet Buyers	Oct.	277

### ENGINES

Detroit Diesel Improves Series 71 and 92 Engines	Jan.	133
Air-Cooled Diesels . . . Round Two (Deutz and Quality Bakers of America)	Feb.	123

Heavy-Duty Diesels for 1980 and Beyond	Mar.	109
"Fuel Pincher" (Detroit Diesel) Cuts Energy Consumption by 50% (Aero Mayflower)	Mar.	174
Cummins New Linehaul Diesel Offers Fuel Economy	May	156
A New Gas Turbine for Trucks—GT601 (Industrial Turbines International)	June	168
Mercedes-Benz to Introduce L1418 with 5-Cyl Diesel Engine	June	184
Cummins Offers Fuel-Efficient Bus Engine	Sept.	186
Diesel and Gasoline Engine Power Ratings	Oct.	272
Ford Offers Truck Gasoline Engine Family	Nov.	144
Cummins in Medium-Duty Market with VT-225	Nov.	146
GMC Expands Engine Offerings for 1979	Nov.	148

### FLEET OPERATION & UTILIZATION

SPECIAL REPORT: How Fleets Are Saving Fuel	Jan.	89
Ryder Truck Lines' "Classic" Fuel Efficient Fleet	Jan.	111
Baroid's "Mud-Haulers" Keep Drillers Drilling	Feb.	95
From Trenches to Highway (G. I. Trucking Company)	Feb.	101
The All-American SST Fleet	Feb.	108
Michigan Carrier Hauls Sand in 50-Ton Pneumatic Trailer (W. H. Froh Co.)	Feb.	160
Relays Replace Sleepers at McLean Trucking	Mar.	114
Rabbit Transit Lines . . . A New Breed of Service	Mar.	119
1978 Interstate Reciprocity Guide	Apr.	98
Toll Road Size and Weight Limits	Apr.	108
Where 5-Axle Doubles Can Go	Apr.	109
Where 5-Axle Tractor Semis Can Go	Apr.	109
State Vehicle Size and Weight Limits	Apr.	110
"Pusher Axles" Slash Fuel Costs by 8% (Coles Express Co.)	Apr.	316
Accurate Records are No Accident (Grace Distribution Services)	May	119
Gloucester, Mass.—The Fish Basket of America	June	150
Silent Running Trash Trucks (City of San Diego)	June	161
The Vikings Are Coming (Viking Freight)	July	82
Putting Rhyme & Reason in Driver Assistance (Saunders Leasing System)	July	95
Super Specs Prove Profitable (Wyckoff Co.)	July	104

# EDITORIAL INDEX

## '78

your guide to this year's features

### BUS FLEETS

Brown's Mill Grinds Out Buses	Feb.	118
State Vehicle Size Limits	Apr.	110
State Vehicle Weight Limits	Apr.	114
Spicer Clutch Reduces Cost, Legwork in School Bus Service (Toms River, NJ)	Apr.	314
Greyhound Offers Smaller, Intracity Bus Trailways, Inc. Blazes A New Trail		
Cummins Offers Fuel-Efficient Bus Engine	Sept.	186
1979 Integral Buses—Makes & Models	Oct.	260
1979 School Buses—Makes & Models	Oct.	261

### COSTS & RECORDS

How to Save Time and Money When You Buy A New Truck (Fleet Guide Forms)	Apr.	248
Trucking Shows Marked Gains in 1977	June	124
1977's Top 100 Class 1 Carriers	June	128
Van Brunt Fights Rising Insurance Costs	Sept.	136

### DATA PROCESSING

Maintenance by The Printout (Hertz Corp. Truck and Equipment Div.)	Mar.	96
A New IDEA for Diesel Engines (Integrated Diesel Engine Analyzer)	May	127
Computer Maintenance—An Extra Dimension (Philadelphia Electric Co.)	June	157
TCAPE Measures Effectiveness of Fuel-Saving Components (International Harvester)	Aug.	178
Microfilm Clears A Path Through The Paper-work Jungle (All-American, Inc.)	Sept.	210

### DIRECTORIES

State Reciprocity, Fuel Tax & Oversize/Over-weight Contact Offices	Apr.	104
Tools & Equipment Buyers' Directory	Apr.	147
Heavy-Duty Service Directory	Apr.	197
Technical Data Directory & Direct-Action Postcards	Apr.	258
1979 Fleet Buyers' Directory	Oct.	155
1979 Catalog Directory for Fleet Buyers	Oct.	277

### ENGINES

Detroit Diesel Improves Series 71 and 92 Engines	Jan.	133
Air-Cooled Diesels . . . Round Two (Deutz and Quality Bakers of America)	Feb.	123

Heavy-Duty Diesels for 1980 and Beyond	Mar.	109
"Fuel Pincher" (Detroit Diesel) Cuts Energy Consumption by 50% (Aero Mayflower)	Mar.	174
Cummins New Linehaul Diesel Offers Fuel Economy	May	156
A New Gas Turbine for Trucks—GT601 (Industrial Turbines International)	June	168
Mercedes-Benz to Introduce L1418 with 5-Cyl Diesel Engine	June	184
Cummins Offers Fuel-Efficient Bus Engine	Sept.	186
Diesel and Gasoline Engine Power Ratings	Oct.	272
Ford Offers Truck Gasoline Engine Family	Nov.	144
Cummins in Medium-Duty Market with VT-225	Nov.	146
GMC Expands Engine Offerings for 1979	Nov.	148

### FLEET OPERATION & UTILIZATION

SPECIAL REPORT: How Fleets Are Saving Fuel	Jan.	89
Ryder Truck Lines' "Classic" Fuel Efficient Fleet	Jan.	111
Baroid's "Mud-Haulers" Keep Drillers Drilling	Feb.	95
From Trenches to Highway (G. I. Trucking Company)	Feb.	101
The All-American SST Fleet	Feb.	108
Michigan Carrier Hauls Sand in 50-Ton Pneumatic Trailer (W. H. Froh Co.)	Feb.	160
Relays Replace Sleepers at McLean Trucking	Mar.	114
Rabbit Transit Lines . . . A New Breed of Service	Mar.	119
1978 Interstate Reciprocity Guide	Apr.	98
Toll Road Size and Weight Limits	Apr.	108
Where 5-Axle Doubles Can Go	Apr.	109
Where 5-Axle Tractor Semis Can Go	Apr.	109
State Vehicle Size and Weight Limits	Apr.	110
"Pusher Axles" Slash Fuel Costs by 8% (Coles Express Co.)	Apr.	316
Accurate Records are No Accident (Grace Distribution Services)	May	119
Gloucester, Mass.—The Fish Basket of America	June	150
Silent Running Trash Trucks (City of San Diego)	June	161
The Vikings Are Coming (Viking Freight)	July	82
Putting Rhyme & Reason in Driver Assistance (Saunders Leasing System)	July	95
Super Specs Prove Profitable (Wyckoff Co.)	July	104

Graves Truck Line: A Safety Program for Everyone	Aug.	82
Monfort of Colorado: The Legend	Sept.	100
Trailways, Inc. Blazes a New Trail	Sept.	111
KAPUTI SHOP Celebrates 25 Years of Progress (?)	Sept.	124
Midwestern Distribution's "Independent" Spirit	Sept.	131
Microfilm Clears A Path Through The Paper-work Jungle (All-American, Inc.)	Sept.	210
Pencor Trucking: A Matter of Conviction	Nov.	108
Pilot Freight: Emphasis on Better Maintenance	Nov.	110
Don McMorris: The Company Man (New ATA Chairman)	Nov.	124
Foul Weather Friends (Accu-Weather, Inc. and Weatherscan International)	Dec.	72

## FLEET PASSENGER CARS

Has Chrysler Introduced The Fleet Car of the '80s? (Plymouth Horizon)	Jan.	134
1978 U.S. Passenger Car Specifications	Apr.	187
1978 EPA Gas Mileage Guide	Apr.	190
In-Depth Report on 1979 Cars—Downsizing, Dieselization and Turbocharging	Oct.	126

## FUELS & LUBRICATION

SPECIAL REPORT: How Fleets are Saving Fuel	Jan.	89
Highlights of Truck Week National Fuel Economy Tests	Jan.	90
Results of CCJ's Fuel Economy Survey	Jan.	93
United Parcel Service Wins on Wasted Fuel	Jan.	94
Signal Delivery's "Working Fuel Economy"	Jan.	101
Purolator Courier Service Holds Down Fuel Consumption	Jan.	104
Lift Axles: One Way to Save Fuel (Wyatt, Inc.)	Jan.	109
Ryder Truck Lines' Classic Fuel Efficient Fleet	Jan.	111
Philadelphia's Municipal Fleet Dieselizes to Save Fuel	Jan.	114
Airco's Industrial Gases' Fuel Saver Program	Jan.	115
National Car Rental Pushes Training to Save Fuel	Jan.	117
What The Leasing Companies Say About Fuel Conservation	Jan.	118
Better Fuel Economy Through Research (DuPont Co.)	Jan.	120
Measuring Fuel Economy (Society of Automotive Engineers)	Jan.	121
Fuel Economy-Related CCJ Articles: 1976-77	Jan.	123
Guest Editorial: Partners in Energy Conservation	Jan.	124
State Fuel Taxes	April	110
1978 EPA Gas Mileage Guide	Apr.	190
"Pusher Axles" Slash Fuel Costs by 8% (Coles Express Co.)	Apr.	316
Tanker Aerodynamics Can Save Fuel	May	132
RCCC Maintenance Committee Highlights Fuel Economy	May	142
TCAPE Measures Effectiveness of Fuel-Saving Components (Internatl. Harvester)	Aug.	178
The Double Nickel Challenge: 55 mph at East Liberty, Ohio	Sept.	141

## INDUSTRY STATISTICS

(See also "Facts & Figures" department in each issue)

Trucking Shows Marked Gains in '77	June	124
1977's Top 100 Class 1 Carriers	June	128
Industry Trends and Statistics	June	132

## LAWS & REGULATIONS

(See also Federal Regs page in each monthly issue)

The Changing Face of the ICC	Mar.	86
1978 Interstate Reciprocity Guide	Apr.	98
Toll Road Size and Weight Limits	Apr.	108

Where 5-Axle Doubles Can Go	Apr.	109
Where 5-Axle Tractor Semis Can Go	Apr.	109
State Fuel Taxes	Apr.	110
State Vehicle Size and Weight Limits	Apr.	110
Tractor-Trailer Pre-Trip Inspection Forms	Apr.	252
Promulgating Truck Safety: 1978 and Beyond	Aug.	101
Uncle Sam's Safety Board is Looking at YOU	Aug.	126
Proposed Hours-of-Service Regs: An Economic Disaster?	Sept.	116

## MAINTENANCE: PROGRAMS & PROCEDURES

(See also Ed Shea's Maintenance Page in each issue)

RCCC Maintenance Committee San Diego Winter Meeting	Jan.	152
Maintenance by the Printout (Hertz Corp. Truck and Equipment Div.)	Mar.	96
Eliminate Unproductive Labor Costs with Fleet Guide Service Plates	Apr.	250
CCJ's Maintenance Man-of-The-Year: Nolan O'Byrn (Sea-Land Service, Inc.)	May	106
RCCC Maintenance Committee Highlights Fuel Economy, "121"	May	142
Computer Maintenance—An Extra Dimension (Philadelphia Electric Co.)	June	157
CCJ's Top Ten Maintenance Men of The Year	Sept.	146
RCCC Maintenance Committee Meeting in Kansas City	Oct.	396
Pilot Freight: Emphasis on Better Maintenance	Nov.	110
How to Pick A Winning Cooling System	Nov.	119

## MAINTENANCE: TOOLS & EQUIPMENT

"Garage Floor Ingenuity" Winners of CCJ's Shop-Made Tools Contest	Feb.	105
Shop Tools & Equipment Reference Guide	Apr.	129
Tools & Equipment Buyers' Directory	Apr.	147
Electrical & Lighting System Reliability	May	112
The Nuts and Bolts of It—Threaded Fasteners	May	123
A New IDEA for Diesel Engines (Integrated Diesel Engine Analyzer)	May	127

## THE MAINTENANCE SHOP (Bi-Monthly Series)

Consolidated Paper Company Puts It All Together!	Jan.	TMS-3
Small Shops Get the Job Done—B & L Motor Freight, Inc.	Mar.	TMS-4
K & R Delivery: Management Working with Maintenance	May	TMS-4
Quality Equipment Equals Profits—Standard Trucking Co.	July	TMS-1
Chicago Transit Authority's "Maintenance Factory"	Sept.	TMS-3
Big Performance From Small Shops (Purity Baking Co.)	Sept.	TMS-10
Jones Motor Co.—Adding to the Maintenance Shop	Nov.	TMS-1

## PERSONNEL MANAGEMENT & LABOR RELATIONS

(See also monthly Labor page)

CCJ's Maintenance Man-of-The-Year: Nolan O'Byrn (Sea-Land Service, Inc.)	May	106
The Vikings are Coming—Viking Freight	July	82
Monfort of Colorado: The Legend	Sept.	100
CCJ's Top 10 Maintenance Men of The Year	Sept.	146
The Teamsters: On The Way to Running America	Nov.	96
Donn McMorris: The Company Man—New ATA Chairman	Nov.	124
The '79 Teamster Contract and Inflation Exhausted America	Dec.	79

## PUBLIC RELATIONS

Donn McMorris: The Company Man—New ATA Chairman	Nov.	124
CCJ's Rookies of The Year	Dec.	87

Continued

**SAFETY & DRIVER TRAINING**

(See also Safety page in each issue)

National Car Rental Pushes Training to Save Fuel	Jan.	117
National Safety Council Services & Materials	Apr.	245
Training Aids & Literature	Apr.	246
National Committee Training Programs & Certification (Penna. State University)	Apr.	247
Tractor-Trailer Pre-Trip Inspection Forms	Apr.	252
ATA Services & Materials	Apr.	255
Accurate Records Are No Accident (Grace Distribution Services)	May	119
Putting Rhyme & Reason in Driver Assistance (Saunders Leasing System)	July	95
Graves Truck Line: A Safety Program for Everyone	Aug.	82
Preventable or Non-Preventable Accidents	Aug.	88
The Underride Question	Aug.	95
Promulgating Truck Safety: 1978 and beyond	Aug.	101
The Rising Costs of Workmen's Compensation	Aug.	107
Fleet Safety in Transition (Survey of loss-prevention Programs)	Aug.	117
Uncle Sam's Safety Board is Looking At YOU	Aug.	126
Van Brunt Fights Rising Insurance Costs	Sept.	136
CCJ's Rookies-of-The-Year	Dec.	87

**SPECIFICATIONS**

1978 U.S. Passenger Car Specifications	Apr.	187
Super Specs Prove Profitable (Wycoff Co.)	July	104
1979 Vehicle Makes & Models and Components Specifications	Oct.	231
1979 Yard Jockey Makes and Models	Oct.	258
1979 Integral Bus Makes & Models	Oct.	260
1979 School Bus Makes & Models	Oct.	261
1979 Fifth Wheel Makes & Models	Oct.	262
Front Axle Models and Ratings	Oct.	265
Rear Axle Models and Ratings	Oct.	266
Transmission Models and Ratios	Oct.	268
Diesel and Gasoline Engine Power Ratings	Oct.	272

**TIRES & TUBES**

Tire Pressure Monitors: The Coming Controversy	Mar.	102
Tire Shield Fights Flats	Dec.	90

**VEHICLE & EQUIPMENT DESIGN**

(See also monthly Technically Speaking page in each issue)

Lift Axles: One Way to Save Fuel (Wyatt, Inc.)	Jan.	109
Detroit Diesel Improves Series 71 and 92 Engines	Jan.	133
Eaton Truck Components Experiencing Growth in European Market	Jan.	156
Michigan Carrier Hauls Sand in 50-ton Pneumatic Trailer (W. H. Froh Co.)	Feb.	160
Tire Pressure Monitors: The Coming Controversy	Mar.	102
Relays Replace Sleepers at McLean Trucking Co.	Mar.	114
Rabbit Transit Lines... A New Breed of Service	Mar.	119
White's Autocar Constructork 2 Serves Construction Industry	Mar.	128
Specially-Designed Yard Tractors Slash Operating Costs (Ottawa Commandos)	Mar.	172
"Fuel Pincher" (Detroit Diesel) Cuts Energy Consumption by 50% (Aero Mayflower)	Mar.	174
International Transtar II Designed for Maximum Driver Comfort	Apr.	286
Cushion Promotes Driver Safety, Alertness and Comfort (H. Koch & Sons)	Apr.	290
Spicer Clutch Reduces Cost, Legwork in School Bus Service (Toms River, NJ)	Apr.	314
"Pusher Axles" Slash Fuel Costs by 8% (Coles Express Co.)	Apr.	316

Electrical & Lighting System Reliability	May	112
Tanker Aerodynamics Can Save Fuel	May	132
Cummins New Linehaul Diesel Offers Fuel Economy	May	156
Silent Running Trash Trucks (City of San Diego)	June	161
Which Way Is It Going?—Unusual On/Off Road Vehicle (Sky Chieft, Inc.)	June	165
New Gas Turbine for Trucks—GT601 (Industrial Turbines International)	June	168
Mercedes-Benz to Introduce L1418 with 5-cyl. Diesel Engine	June	184
Pullman Trailmobile Introduces Van Trailer Line	June	186
Mack Introduces a New Generation of Cab-over Diesel Trucks	June	188
Tank Trailers Haul Paraffin (Butler Mfg.)	June	232
Cylinder Honing The Easy Way	July	91
A Wing, Prayer and An Airshield (Gossamer Condor)	July	98
Turning Night Into Day—Halogen Sealed Beam Headlights	July	111
Easy Access Key To New Kenworth LCG Model L-700	July	128
Peterbilt Low-Cab-Forward for Intra-City Model 310	July	130
IVECO Enters U.S. Market with Magirus Line of Diesel Trucks	July	132
Eaton Tandem Easy Match with Transmission	July	138
Rockwell Shows New Front & Trailer Axles	July	140
Two Tandem Axles New from International	July	142
Fram Corp. Carves a Wide Niche in Heavy-Duty Filter Market	July	164
White Motors Expands Road Boss 2 with Integral Sleeper	Aug.	142
Hydrocyclonics Applied in Fuel/Water Separator (CR Industries)	Aug.	150
White's Roadboss 2 Enters Cabover in Western Race	Sept.	162
Air Deflector Designed for Conventionals (Airodyne Industries)	Sept.	172
Wayne Corp. Shows Five New Ambulances	Sept.	177
Mack's European Style "F" Model Cabover	Sept.	178
Chelsea PTO Model 510 Makes Change of Concept	Oct.	340
Thermo King's New Reefer Unit Increases Payload	Oct.	379
Carrier Corp. Offers New Trailer and Truck Reefer Units	Oct.	385
How To Pick A Winning Cooling System	Nov.	119
International S-Series Replaces Loadstar Line	Nov.	136
Ford Offers Truck Gasoline Engine Family	Nov.	144
Cummins in Medium-Duty Market with VT-225	Nov.	146
GMC Expands Engine Offerings for 1979	Nov.	148
Truck Week '78—Emphasis on Industry Advances	Nov.	164
Tire Shield Fights Flats	Dec.	90
Electrics Get Commercial	Dec.	83
Cone Brakes (United States Steel)	Dec.	95

**VEHICLE SELECTION & REPLACEMENT**

(See also monthly Technically Speaking page in each issue)

Air Brakes of The '80s	Feb.	114
Heavy-Duty Diesels for 1980 and Beyond	Mar.	109
How To Save Time and Money When You Buy A New Truck (Fleet Guide Forms)	Apr.	248
1979 Fleet Buyers Directory	Oct.	155
1979 Vehicle Makes & Models and Components Specifications	Oct.	231
1979 Yard Jockey Makes and Models	Oct.	258
1979 Integral Bus Makes & Models	Oct.	260
1979 School Bus Makes & Models	Oct.	261
1979 Fifth Wheel Makes & Models	Oct.	262
Front Axle Models and Ratings	Oct.	265
Rear Axle Models and Ratings	Oct.	266
Transmission Models and Ratios	Oct.	268
Diesel and Gasoline Engine Power Ratings	Oct.	272



